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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/639,085	08/16/2000	Takeshi Miura	P107156-00018	3134

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EXAMINER

SHANG, ANNAN Q

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 08/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,085

Applicant(s)

MIURA ET AL.

Examiner

Annan Q Shang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3 and 7-14 are rejected under 35 U.S.C. 102(b) as being anticipated by **Streck et al (4,916,532)**.

As to claim 1, note the **Streck et al** reference figures 12 and 22, disclose television local wireless transmission control where a source of a video signal to be viewed at a remote location such as a TV Camera, Cable Select Box, Antenna, or VCR and further disclose terminal equipment connected to a cable television station of cable television to receive a cablecast signal for television programming delivered from the cable television station comprising the following: the claimed "master terminal..." is met by Receiver (Rec) 54, note figure 7-9, 12 and col. 5, lines 50-col. 6, line 2, note that Rec 54 receives wireless transmission of video, transmitted via Antenna 26, from TV signal source (TV-SS) 10 for VCRs 18 and TV Sets 20, Rec 54 includes a Local Tuner 176 "a first tuner section," note figures 22, 23 and col. 11, lines 52, for receiving Radio Frequency (RF) signals "a cablecast signal" for television programming delivered from TV signal source 10, "a cable television station" and transferring an image signal

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received from the RF signal to TV Set 20, "first television receiver," Remote Tuner (RT) 178, "a second tuner section" also receives RF signals for television programming from TV-SS 10, and Antenna 26' "a radio transmitter section" connected to RT 178 and transmits image signal output from RT 178, and a VCR 18 "at least one slave terminal," note col. 6, lines 23-27 and col. 10, line 51-col. 11, line 7, note that the role of VCR 18, which includes RF Receiver for receiving image signal transmitted from the Antenna 26' of Rec 54, "can be reversed and/or combined to advantage" that is VCR 18, can also wirelessly receive signals for recording and/or display of video information and further transmit to other remote TV Sets 20 or Video Camera.

As to claim 2, Streck further discloses Rec 54 as a signal distributor that distributes the RF signals to LT 176 and RT 178, note 5, line 63-col. 6, line 2 and col. line 28-35.

As to claim 3, the claimed "controller..." is met by IR Controller 32', note col. 9, line 33+, which controls the operations of LT 176 and RT 178.

As to claims 7 and 8, Streck further discloses LT 176 and RT 178, which includes "channel unscrambling circuitry," note col. 11, lines 28-52, detecting scramble information from the RF signal transmitted from the TV-SS 10 to LT 176 and RT 178 and unscrambles the RF signals and applies the information to IR controller.

As to claims 9-13, Streck further discloses a VCR 18 "the slave terminal," note col. 6, lines 23-27 and col. 10, line 51-col. 11, line 7, note that the role of VCR 18, which includes RF Receiver for receiving image signal transmitted from the Antenna 26' of Rec 54, "can be reversed and/or combined to advantage" that is VCR 18 can also

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wireless receive signals for recording and/or display of video information and further transmit signals to another TV Set 20 or Video Camera, where an IR controller can control the operation of a selectable tuner 130 and a second tuner inherent to VCR 18, note figure 21, independently from the main Rec 54, and where the RF receiving sections is provided from Antenna 26' of Rec 54, note col. 9, lines 15-63, note also that control signal for the IR controller includes TV channel selection signal and volume control signals and further the IR control can be a single control, note col. 9, line 63-col. 10, line 14.

As to claims 14, note that the VCR 18 includes a remote control receiving section for receiving wireless remote control signals, note col. 9, line 63-col. 10, line 14.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Streck et al (4,916,532)** as applied to claims 1 and 3 above.

As to claims 4 and 5, Streck teaches all the claim limitations as previously discussed with respect to claim 1, and further teaches transmitting a video/audio information outputting section, which displays information to producers, directors located in a control room to view/record what the Camera is shooting, note col. 10, line 51-col. 11, line 12, but fails to specifically teach RT 178 "second tuner" with a selector

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subsection for switching between a terminal connected to a picture-recording device and RF transmitter to apply image to the terminal of the RF transmitter section.

However **Streck** teaches a VCR 18 with selectable tuner for switching between recording and/or display of the received image signal, note col. 10, line 51-col. 11, line 7.

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Streck RT 178 "the second tuner" of Local Receiver 54 with a selector in order to switch between recording device and a display device and have the ability to record directly, the image signals received at the Receiver.

As to claim 6, Streck teaches all the claim limitations as previously discussed with respect to claim 3, and but fails to specifically teach a controller switches a selector subsection of the second tuner in responses to manipulation signal input to supply the image to the second tuner section to Antenna 26' or a terminal connect to a picture-recording device. However Streck teaches a VCR 18 with selectable tuner and a controller for switching between recording and/or display of the received image signal, note col. 9, lines 15-68.

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Streck RT 178 "the second tuner" of Local Receiver 54 with a selector and a controller in order to directly control the Receiver to record the image signals received at the Receiver.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Smith (6,542,882) discloses system and method for providing a database of content having like associations.

Williams, Jr (6,202,211) discloses method and apparatus for providing television signals to multiple viewing systems on a network.

Glaab (5,862,219) discloses cable television setback decoder automatic control.

Kuroiwa et al (5,715,020) disclose remote control system in which a plurality of remote control units are managed by a single remote control device.

Newlin et al (5,636,211) disclose universal multimedia access device.

Levine (Re 35,954) discloses VCR with cable tuner control.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Annan Q Shang** whose telephone number is **703-305-2156**. The examiner can normally be reached on **700am-500pm**.

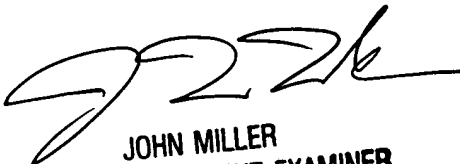
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **John W Miller** can be reached on **703-305-4795**. The fax phone numbers for the organization where this application or proceeding is assigned are **703-746-5991** for regular communications and **703-746-5991** for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Customer Service** whose telephone number is **703-306-0377**.

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Annan Q. Shang
August 11, 2003



JOHN MILLER
SUPERVISORY PATENT EXAMINER
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